

IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (currently amended): An explosive comprising one or more nanotube compounds comprised of about 80% or greater nanotubes by weight and wherein at least one of said one or more nanotube compounds is functionalized with a nitro-containing group.

Claim 2 (previously presented): The explosive of claim 1 wherein at least one of said one or more nanotube compounds comprises a CHNO-based explosive.

Claim 3 (canceled)

Claim 4 (canceled)

Claim 5 (currently amended): The explosive of claim 3 comprising at least approximately 10% nitrogen.

Claim 6 (previously presented): The explosive of claim 1 wherein at least one of said one or more nanotube compounds comprises single-or multi-walled carbon nanotubes.

Claim 7 (previously presented): The explosive of claim 6 wherein at least one of said one or more nanotube compounds comprises a matrix of carbon nanotubes.

Claim 8 (original): The explosive of claim 7 wherein said matrix comprises buckypaper.

Claim 9 (original) The explosive of claim 7 wherein said nanotubes are rendered explosive or energetic prior to forming said carbon nanotubes into said matrix.

Claim 10 (original): Ordnance comprising the explosive of claim 1.

Claim 11 (original) The ordnance of claim 10 wherein said ordnance comprises a member selected from the group consisting of bullets, artillery rounds, tank rounds, packaging materials, missiles, fuselages, nano-scale ordnance, micro-scale ordnance, and shell casings.

Claim 12 (original): The ordnance of claim 11 wherein said ordnance comprises a member selected from the group consisting of nano-scale ordnance and micro-scale ordnance, and said ordnance protects valuable assets upon detection of tampering.

Claim 13 (currently amended): A method of making an explosive comprising providing one or more nanotube compounds comprised of about 80% or greater nanotubes by weight and rendering at least one of the compounds explosive with a nitro-containing group.

Claim 14 (previously presented): The method of claim 13 wherein the rendering step comprises rendering at least one of the one or more nanotube compounds into a CHNO-based explosive.

Claim 15 (previously presented): The method of claim 13 wherein the rendering step comprises nitrating or functionalizing with a nitro-containing compound at least one of the nanotube compounds.

Claim 16 (canceled)

Claim 17 (previously presented): The method of claim 15 wherein the explosive comprises at least approximately 10% nitrogen.

Claim 18 (previously presented): The method of claim 13 wherein at least one of the one or more nanotube compounds comprises single-or multi-walled carbon nanotubes.

Claim 19 (previously presented): The method of claim 18 wherein at least one or more nanotube compounds comprises a matrix of carbon nanotubes.

Claim 20 (original): The method of claim 19 wherein the matrix comprises buckypaper.

Claim 21 (original): The method of claim 19 additionally comprising the step of forming the carbon nanotubes into a matrix after the rendering step.

Claim 22 (original): A method of making ordnance comprising the following steps of claim 13 and forming the explosive into ordnance.

Claim 23 (original): The method of claim 22 wherein the ordnance comprises a member selected from the group consisting of bullets, artillery rounds, tank rounds, packaging materials missiles, fuselages, nano-scale ordnance, micro-scale ordnance, and shell casings.

Claim 24 (original): The method of claim 23 wherein the ordnance comprises a member selected from the group consisting of nano-scale ordnance and micro-scale ordnance, and the ordnance protects valuable assets upon detection of tampering.